Amendments to the Claims

1. *(Original)* A method of improving communication between mobile nodes in an ad-hoc wireless network, characterized in that all the nodes are organized into application-specific clusters and the information relevant to each application is stored in the head element of the cluster.

2. *(Original)* A method as claimed in claim 1, characterized in that each node becomes part of one or more clusters.

3. *(Currently Amended)* A method as claimed in ~~claim 1 or 2~~claim 1, characterized in that each node in the cluster passes on the application-specific information to the head element or receives said information there from.

4. *(Currently Amended)* A method as claimed in ~~any of claims 1 to 3~~claim 1, characterized in that the head element is selected at random or in accordance with given rules.

5. *(Currently Amended)* A method as claimed in ~~any of claims 1 to 4~~claim 1, characterized in that mobile and quasi-stationary clusters are formed.

6. *(Currently Amended)* A method as claimed in ~~any of claims 1 to 5~~claim 1, characterized in that, before leaving the cluster, a head element notifies the nodes of this and the data stored in the head element is transmitted to a new head element.

7. *(Currently Amended)* A method as claimed in ~~any of claims 1 to 6~~claim 1, characterized in that the head element collects and filters the data from all the nodes.

8. *(Original)* A method as claimed in claim 7, characterized in that the filtered information that is important to the application is passed on to all the nodes and stored in them.

9. *(Currently Amended)* Use of a method as claimed in ~~any of claims 1 to 8~~claim 1 for controlling a flow of traffic.